

Apparatus and Method for
Networking Driver Protocol Enhancement

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ABSTRACT

Application Programming Interface, methods and apparatus are disclosed for enhancing data network communication. In a network including a first and a second network interface, each interface has an associated MAC address, and each network interface has a driver storing the MAC address for its associated interface. Under certain circumstances, such as in a fail-over condition, or to improve throughput, the second driver is conditionally directed to replace its stored MAC address with the MAC address of the first network interface. Thus, the second network interface can process network traffic as if it were the first network interface. Disclosed are several features and advantages resulting from such MAC reassignment.

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